

ABSTRACT OF THE DISCLOSURE

A fiber tail assembly is provided that includes an outer sleeve, which can be attached and hermetically sealed to the housing of an optical device, and a sealing ferrule, which may be inserted into and hermetically sealed to the outer sleeve. An optical fiber may be inserted through an axial bore in the sealing ferrule and hermetically sealed thereto, such as with a glass seal. The hermetic seal between the sealing ferrule and the fiber avoids high or transversely asymmetric stress that may change the birefringence of the fiber. The optical fiber may be inserted through a cap ferrule or a stress relief tube, which may be attached to the fiber and to the outer sleeve, protecting the fiber tail assembly from axial stress that may damage the fiber or the hermetic seals. Methods for forming the same are provided.